

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

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1 (currently amended): An electrophoretic display comprising:

a display medium comprising at least one capsule containing a plurality of electrophoretic particles dispersed in a fluid medium, wherein the plurality of electrophoretic particles move during evolution of an optical state of the display medium;

a transistor having a data line, a gate electrode and a pixel electrode and comprising a layer of insulating material of the transistor situated between a first layer of conductive material of the transistor that forms the gate electrode and a second layer of conductive material of the transistor that forms the data line and pixel electrode, the transistor for applying an addressing voltage to the display medium by charging the pixel electrode ~~during an addressing event~~ with an electrical pulse having a duration that is insufficient to fully evolve the optical state of the display medium; and

a storage capacitor comprising a layer of insulating material of the storage capacitor situated between a first layer of conductive material of the storage capacitor and a second layer of conductive material of the storage capacitor, the said storage capacitor in electrical communication with the display medium addressed by the transistor to apply an electric field to the display medium to continue evolving the optical state of the display medium after the addressing event,

wherein the transistor and the storage capacitor share a single layer of unpatterned semiconducting material situated between the respective first layers of conductive material and the respective second layers of conductive material.

2 (canceled)

3 (currently amended): The display of claim 1 wherein one of said layers of material of said transistor and a respective one of said layers of material of said storage capacitor ~~are a same~~ define a single continuous layer of material.

4-6 (canceled)

7 (previously presented): The display of claim 1 wherein the storage capacitor is in electrical communication with a second gate line different from a first gate line in electrical communication with the gate electrode for addressing the display medium.

8 (original): The display of claim 1 wherein the storage capacitor is in electrical communication with a conductor.

9 (previously presented): The display of claim 1 wherein the second layer of conductive material of the storage capacitor forms a storage capacitor pixel electrode, and the first layer of conductive material of the storage capacitor forms a storage capacitor gate electrode.

10 (previously presented): The display of claim 1 wherein the layer of insulating material of the storage capacitor is patterned.

11 (previously presented): The display of claim 1 wherein the layer of insulating material of the storage capacitor is unpatterned.

12 (currently amended): The display of claim 3 + wherein the layer of insulating material of the storage capacitor and the layer of insulating material of the transistor ~~are a same~~ define the single continuous layer of material.

13 (canceled)

14 (canceled)

15 (previously presented): The display of claim 1 wherein a capacitance of the storage capacitor is greater than a capacitance of a pixel comprising a portion of the display medium.

16 (previously presented): The display of claim 1 wherein a voltage decay time across a pixel comprising a portion of the display medium is based on the product of  $R_p$  and  $(C_p + C_s)$  where  $R_p$  is a resistance of the pixel,  $C_p$  is a capacitance of the pixel, and  $C_s$  is a capacitance of the storage capacitor.

17 (canceled)

18 (presently amended): An electrophoretic display comprising:

a display medium comprising at least one capsule containing a plurality of electrophoretic particles dispersed in a fluid medium, wherein the plurality of electrophoretic particles move during evolution of an optical state of the display medium; and

a storage capacitor comprising a layer of insulating material and a layer of unpatterned semiconducting material, both of which are situated between a first layer of conductive material and a second layer of conductive material, said storage capacitor in electrical communication with a pixel comprising a portion of the display medium to apply an electric field to the display medium to evolve the optical state of the pixel after a pixel addressing event.

19 (canceled)

20 (canceled)

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